

20000507.qrp v01_n814.qrl.20000507

Date: Sun, 7 May 2000 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1814

QRP-L Digest 1814

Topics covered in this issue include:

- 1) [69562] Re: Smart Battery Charger from A & A
by "John Moriarity" <k6qq@hdo.net>
- 2) [69563] Re: Smart Battery Charger from A & A
by Richard Voss <rbvoss@gsinet.net>
- 3) [69564] Need help with NC 40-M Low power
by RangerSF5@aol.com
- 4) [69565] EA8 QRP Operation
by Brian Kassel <bkassel@dancris.com>
- 5) [69566] OT: Battery Chargers?
by Brian Short <bshort@speedchoice.com>
- 6) [69567] Emtech NW40 for sale
by "Frank Grigaliunas" <fgrig@iea.com>
- 7) [69568] Speakers for Ft. Tuthill?
by Jim Lowman <jmlowman@ix.netcom.com>
- 8) [69569] Norcal Meeting: If anyone sees Bill, K6WHP...
by Jim Lowman <jmlowman@ix.netcom.com>
- 9) [69570] Re: OT: MIR SSTV - What Freqs and Mode?
by Tom <trandall@idsi.net>
- 10) [69571] SMK-1: #121 progress report & thoughts (longer than not)
by Rohn <rohn@pubrats.com>
- 11) [69572] SMK-1 soldering question
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 12) [69573] 1987 callbook
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 13) [69574] Re: Guessing, what is it???
by tailfeathers@juno.com
- 14) [69575] Re: 1987 callbook
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [69576] Re: Callbook query
by "Mike Yetsko" <myetsko@insydesw.com>
- 16) [69577] Re: Battery Chargers?
by "John Moriarity" <k6qq@hdo.net>
- 17) [69578] SMK-1 #87 lives
by "Mark Hogan" <mhogan@email.msn.com>
- 18) [69579] SMK a-la hay hook
by "Mark Hogan" <mhogan@email.msn.com>
- 19) [69580] Re: SMK a-la hay hook

- by "Ken Hanks" <captbfd@yahoo.com>
- 20) [69581] First Contact
by "Mark Hogan" <mhogan@email.msn.com>
- 21) [69582] Re: Battery Chargers?
by Norm Melick <henmel@worldnet.att.net>
- 22) [69583] RE: Jones paddle
by "Ed Tanton" <n4xy@att.net>
- 23) [69584] M/S53MA/P QRP expedition to London/UK
by Alen Mitrovic <alen.mitrovic@hermes.si>
- 24) [69585] AT - Saturday
by wd3p@juno.com
- 25) [69586] 1-V challenge update: ZSCT1555 timer
by Wayne Burdick <n6kr@elecraft.com>
- 26) [69587] Re: Callbook query
by Dave Sjolin <sjolin@swbell.net>
- 27) [69588] DAYTON ROADS
by "Ken Evans" <w4du@bellsouth.net>
- 28) [69589] Re: SMK-1 - finding the gremlins
by n5ib@juno.com
- 29) [69590] 40-9'er Mods Wanted
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 30) [69591] QRPTTF Entries
by "J. Medley" <jmedley@ix.netcom.com>
- 31) [69592] qrp frequencies on 40
by "John Nall" <nally@talstar.com>
- 32) [69593] RE: qrp frequencies on 40
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 33) [69594] Tubes/hollow state/glowbugs
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 34) [69595] Any Canadian SMK-1's yet?
by "Robert W. Shaw" <lycott@fox.nstn.ca>
- 35) [69596] Re: Tubes/hollow state/glowbugs
by "Dave Benham" <dodgeboy@mindspring.com>
- 36) [69597] Re: Callbook query
by "Mike Yetsko" <myetsko@insydesw.com>
- 37) [69598] RW Beacon now on 166.5 kHz
by W0rw@aol.com
- 38) [69599] Dayton roads
by "Dave Benham" <dodgeboy@mindspring.com>
- 39) [69600] 2SC2078
by Davewb4@aol.com
- 40) [69601] OT: Linux Amateur Radio applications?
by Paul Erickson <paule@sfu.ca>
- 41) [69602] Re: Tubes/hollow state/glowbugs
by Ray Colbert <af852@rgfn.epcc.edu>
- 42) [69603] Using full wave loops multiband ?
by Rick McKee <kc8aon@juno.com>
- 43) [69604] Ham Shack UPGRADED!

- by Ed Loranger <we6w@qsl.net>
- 44) [69605] Events: anyone heard Camp X?
by Paul Erickson <paule@sfu.ca>
- 45) [69606] Re: Using full wave loops multiband ?
by "Mike Branca" <w3irz@att.net>
- 46) [69607] Re: OT: Linux Amateur Radio applications?
by Al Patrick <arp@inet4u.com>
- 47) [69608] RE: Tubes/hollow state/glowbugs
by Nick Kennedy <nkennedy@tcainternet.com>
- 48) [69609] Re: QRP-L digest 1811
by Robert Farrell <R.Farrell11@worldnet.att.net>
- 49) [69610] SMK-1 Another hold down alternative
by james-rhonda@juno.com
- 50) [69611] Re: Using full wave loops multiband ?
by Thomas Kuehl <ac7a@gci-net.com>
- 51) [69612] Re: Callbook query
by Maurice L Haynes <kv7g@juno.com>
- 52) [69613] [ATTN] Tim English
by Joel Malman <malman@world.std.com>
- 53) [69614] DSW-20 quick review
by "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
- 54) [69615] Re: Any Canadian SMK-1's yet?
by Bruce Rattray <rattray@gpfn.sk.ca>
- 55) [69616] Re: Callbook query
by "John Nall" <nally@talstar.com>
- 56) [69617] Re: Using full wave loops multiband ?
by David Heintzleman <pstrdave@kdsi.net>
- 57) [69618] Re: Callbook query
by "Mike Yetsko" <myetsko@insydesw.com>
- 58) [69619] Re: Tubes/hollow state/glowbugs
by Wa3ptg@aol.com
- 59) [69620] HB: Crystal Oscillators
by Wa3ptg@aol.com
- 60) [69621] HB: J212
by Wa3ptg@aol.com
- 61) [69622] FS: MFJ 9040 etc.
by "George Goodroe" <goodroe@worldnet.att.net>

Date: Sat, 6 May 2000 17:08:18 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <steam@megsinet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69562] Re: Smart Battery Charger from A & A
Message-ID: <010b01bfb7b8\$59d8a920\$09424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Ok, I read all their sales hoopla. And I'm still not gonna
> shell out 60 bucks on a charger KIT that does nothing for
> my gel cell that an eleven dollar charger won't do.
>

Mike,

Perhaps you didn't fully understand the "hoopla".

To each his own. Caveat emptor and all that sort of stuff.

73,

John, K6QQ

Date: Sat, 06 May 2000 20:17:37 -0400
From: Richard Voss <rbvoss@gsinet.net>
To: qrp-l@Lehigh.EDU
Subject: [69563] Re: Smart Battery Charger from A & A
Message-ID: <3914B621.63E264FC@gsinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Also, check out the battery controller kits that Jade sells:
<http://www.jadeprod.com/chrgnewa.html>
These are more than twice the cost of the A & A kit, but they
have several additional features.

Richard, K1WX

Date: Sat, 6 May 2000 20:29:09 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [69564] Need help with NC 40-M Low power
Message-ID: <25.554d3cf.264612d5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang, Today I peaked up the early version model of the NC-40-M.
I had a good 2.5 watts coming out of it and made several contacts with it.
I was going back to others calling CQ but no one was answering me so I put
the rig into a dummy load and i'm showing about half watt if that much.
But the final still gets real warm like it's putting out the full 2.5 watts.
How can I tell if the final went to lunch before I start removing parts?
Also if I have to remove it then I may go for the MFF 237 for an extra watt
or so but where can I get one?
Radio Shack says they don't take small orders anymore.
Although I have a NC 40-A loaded with all the MODS, I sort of got attached to
this as my outdoor rig and like to get it back on line.
The RX has been updated and it has the KC-1 installed and painted my favorite
color. CAMO.
Thank in advance.
Bob
WA2HOQrp <tm>

Date: Sat, 06 May 2000 13:18:29 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [69565] EA8 QRP Operation
Message-ID: <39147E15.42E32AF1@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I received the following message from Jens HB9JOI. I am positng it
here at his request:

Brian K7RE

> In about 7 hours I will sitting in a airplane to fly on the canarian
> islands for holidays.
> >From there I will work with QRP: 2watts on 40m in CW with only 11,86m
> longwire-antenna.
> Transceiver is an SST from WILDERNESS-RADIO, modified by HB9JOI.
> QRV approx 20:00h/UTC23:00h/UTC around 7.005Mc.....up to 7.035Mc,
>
> all with one crystal-VX0....!
> I will see to be QRV around 04:00h/UTC again, but not at all days
> permanently.
> CallSign will be: EA8/HB9JOI/QRP.
> I will stay there for the next 20 days .

>
> Thanks again for now, Jim.
> 73's de Jens / HB9JOI / AMSAT-DL.#9802268 / DL-QRP-AG.#01176

Date: Sun, 07 May 2000 00:54:59 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-1@lehigh.edu
Subject: [69566] OT: Battery Chargers?
Message-ID: <4.1.20000507004307.0273c990@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I hate to bring up a sore subject and my need
is a charger for a mobile robot, not a radio, actually.

By the way, A&A sells the bare board and will also
provide the special-purpose IC if you wish to collect
your own parts. Probably everybody reading this
could scrounge up the remaining parts for a modest
amount.

Or, build it on perf board and just buy the "smart"
chip...

Not that I'm suggesting the A&A unit - it is only a
1 amp unit and I'd like something a bit faster.

I'm building a "mobile robot" (that will have amateur
radio equipment aboard) that I am using with a 12vdc
garden tractor battery from the Big K-Mart. It is a
lead acid type battery and not really a "deep cycle"
type, though the price was right.

Anyway, I'd like a charger for this battery that will charge
it up in fairly short order (probably 4 to 5 amp max).

Where is a good source for a variety of circuit diagrams
(schematics) for versatile chargers? I'd like it if it wouldn't
overcharge or explode the battery, but keep it topped off...

Thanks, Brian

--
mailto:k7on@earthlink.net
--

Date: Sat, 6 May 2000 17:54:17 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [69567] Emtech NW40 for sale
Message-ID: <018601bfb7be\$d0c1e320\$07bae3cc@frank>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been bitten by the glow bug lately, and Mrs. Grigaliunas says something's gotta give. I can't keep buying these Hallicrafters and such unless I produce some money to reimburse the house.

Therefore, I've decided to sell my Emtech NW40. I bought it in late 1997, when I was a novice. It's had a rough life, but it's served me well. It comes with the Emtech metal case and the audio filter, but the audio filter came from Dan's, not Emtech. It had a toroid burn up when I misconnected the antenna and sent in 100 watts from my QRO rig. I replaced the trimmer that controls the sidetone with a larger trimmer (still can't quite get the side tone at the same volume as the incoming signal). I also ended up replacing the original output transistor, a 2SC1678, with an NTE 235, so it now puts out 10 watts instead of the original 5 (you can still turn it down with a trimmer inside the case).

It comes with the original assembly manuals for the radio and the case, complete with my scribbled notations. It also comes with a letter from Roy Gregson, W6EMT, to whom I sent the radio after I had built it. He peaked it up a little and gave me some pointers. There is also a note from Scott Gregson, KC7MAS, about the burnt-up toroid.

The unbuilt kit with filter and case costs \$130, and I'd like to ask \$150 for this completed radio. If nobody is interested at that price, I'm willing to consider offers.

This radio has always gotten good reports and has served me well.

Frank, AB7YT

Frank and Karen Grigaliunas, 1816 W. Dean, Spokane, WA 99201
fgrig@iea.com --*-- (509) 326-7147 --*-- <http://www.iea.com/~fgrig/>
"Some days you're the dog, some days you're the hydrant."

Date: Sat, 06 May 2000 18:22:18 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [69568] Speakers for Ft. Tuthill?
Message-ID: <3914C54A.B71BB174@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

We just returned from Vancouver, BC last Sunday, and my e-mail connectivity was spotty, at best.

Maybe it's premature to ask, with FDIW being the next big QRP happening, but has anyone posted a list of speakers for the QRP forum at Ft. Tuthill as yet?

The reason that I ask, is that the Tuthill website makes no mention of the QRP forum this year, and it was great last year. I'm making our hotel reservations this weekend.

Thanks and 72 de Jim - AD6CW

Date: Sat, 06 May 2000 18:27:21 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [69569] Norcal Meeting: If anyone sees Bill, K6WHP...
Message-ID: <3914C679.C565378@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I'd appreciate it if someone would pass a message to Bill Phinizy, K6WHP, at the Norcal meeting tomorrow.

Please pick up one of the new kits for me. Yes, Bill, I know that I have a backlog of unbuilt kits, K2 included, but that's never stopped me before. :-)

I had planned to accompany Bill on this trip, but have been out of town for the past three weekends.

Thanks in advance and 72 de Jim - AD6CW

Date: Sat, 6 May 2000 21:27:46 -0400
From: Tom <trandall@idsi.net>
To: qrp-l@Lehigh.EDU
Subject: [69570] Re: OT: MIR SSTV - What Freqs and Mode?
Message-ID: <200005070127.VAA16404@pop.idsi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

"I recently read an article on the MIR send SSTV pix back to earth.
It is in a very favorable position these days to view visually from my QTH so
I am thinking that I should hear them just as well.

What Freq and Mode do they use? I suspect 2M FM but not sure.

Brian AE9K"

Hi Brian and list,
Mir uses 145.985 and right now runs voice and SSTV modes. When in SSTV
mode they send a CW id first then the image. The packet station so far
hasn't been activated. You shouldn't have much trouble hearing them if they
are on.
I'm a few days behind in reading the digests so sorry if I'm duplicating
someone else who may have answered the question.

73,
Tom

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio - KB2SMS/AG - ARRL / 10-10 / QRP-L #1965
Member: AAVSO Solar Division

My Astronomy/Ham radio site: <http://www1.mhv.net/~trandall/welcome.html>

Date: Sat, 6 May 2000 20:49:57 -0500 (CDT)
From: Rohn <rohn@pubrats.com>
To: qrp-l@lehigh.edu
Subject: [69571] SMK-1: #121 progress report & thoughts (longer than not)
Message-ID: <Pine.LNX.3.96.1000506202546.23326A-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Very tired. My eyes anyway ;-)

I only got through bag #1 tonight... about 1.5 hrs. So far, seemingly so good. I'm rather not happy with my quality of placement on C6, a bit too big of a blob of solder which I couldn't quite fix. For fear of ruining the cap I gave up with the solder wick, re-solder, solder wick, etc rather quickly. Just don't look at, ok? :-) Mechanically it looks to be sound...

I was very lucky to receive a new Edsyn 951SX soldering station from my not-in-laws for my birthday just a couple weeks ago, which made this effort MUCH easier than using a pencil iron! It was the maiden voyage of the station also... golly and garshdarn I *like* a soldering station!!!

I tried a very pointy tip at first... 0.01" width. Long and tapered. At 700 degrees it just wasn't working for me, so I switched to a 0.03" which said SMD on it. Much better. By the by, C6 was done with the first tip. Doug et al... these SMD parts just aren't small enough for my smallest of tips! How's THAT for a problem, eh?!?! :)

Switching tips slowed me down (those soldering stations don't cool as quick as they heat). That was okay though, I took the time to really look at what was in front of me, gave me a chance to arrange my desktop some.

I ripped out the page with the blowup of the board. That went to the upper right of the desk. The parts list, with placement legend, when to my immediate left. The page with the bag templates was up in front of me (it's a deep desk). Arranged like that I could see everything easily... the manual certainly has to be torn apart and spread about for this kit!

I had a bit of a difficult time getting the small parts out of their small strip holders. The easier ones were the paper backed ones... I'd slit the paperback on three sides (two long, one short) with an X-acto and peel it away. Flip it over, push on the plastic with the tweezers and out would pop the part... some of the time. More than not it took a couple of gentle taps with held breath!

Eventually I found that I could remove the paperbacking a little easier if I first breathed on it... like you would breath on your glasses to fog them up for cleaning. With the paper "moistened" some it removed more like tissue paper and less like glued paper. Glad I quit smoking a few years back!

This is getting a bit longish so I'll wrap up quicklike. I only used tweezers to get the parts down... worked ok. Do just like the manual says and no problems. 'course my 35 year old hands don't quite shake yet :)

Overall and so far I'd say the kitting methodology used works for me. I

liked the suggestions of putting more info with the bag legend instead of having to switch between pages while building, if it's not too difficult for the kitters that is! (and my eyes did wander a little reading that "spreadsheet" part list... going from item# to part placement with that font size is roughish, even for my young eyes - perhaps reordering it to get the R16's, C3's etc right next to the item#?)

Bottom line: GREAT JOB to EVERYONE involved! I'm going to try to get back to it tomorrow and finish it up.

72's!

Rohn, N0RTX

Date: Sat, 6 May 2000 21:47:03 -0400
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [69572] SMK-1 soldering question
Message-ID: <056a01bfb7c6\$266c42a0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In my attempt to build this rig, I put in my first IC backwards. (Can't tell a bevel from a non-bevel??)

In taking it off, one of the tinned pads came off so that now I see 7 shiny pads and one dark one. I was able to get the IC back on but the dark pad doesn't want to take solder. Any suggestions on what to do or is this now a nice paper weight?

Michael - N4NMR

Date: Sat, 6 May 2000 21:48:13 -0400
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [69573] 1987 callbook
Message-ID: <057001bfb7c6\$4fbc2080\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for a friend for the (we hope) '87 call book. If you have one, drop me a private e-mail and I'll give you more details. My friend needs proof that he was a tech before '87. He got his license in Jan '86.

TIA

Michael - N4NMR

Date: Sat, 6 May 2000 21:52:55 -0400
From: tailfeathers@juno.com
To: cqdx@teleport.com
Cc: qrp-1@Lehigh.EDU
Subject: [69574] Re: Guessing, what is it???
Message-ID: <20000506.220250.-4011837.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Sat, 6 May 2000 13:19:42 -0700 "K7FD-N7SG" <cqdx@teleport.com> writes:
> As long as your predicting things, what is Elecraft unveiling at
> Dayton?
>
> Thanks, John K7FD

About a month I inquired about a multi band rig and Elecraft said that they couldn't say anything right then but that I wouldn't be disappointed. I am interested in the CM Howe rig that has an S meter. I rig needs an S meter. I know, I know, I'm a long time ssb'er but I like an S meter. Actually I want a Red Hot 40 with the knobs moved down and an S meter right above it. very cool!

Gary
n8gsj

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 6 May 2000 22:11:51 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69575] Re: 1987 callbook
Message-ID: <005601bfb7ca\$83379d00\$e617fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I'm looking for a friend for the (we hope) '87 call book. If you have one,
>drop me a private e-mail and I'll give you more details. My friend needs
>proof that he was a tech before '87. He got his license in Jan '86.
>
>TIA
>
>Michael - N4NMR

You might be able to go to the QRZ page on the web. They put
up a (I think) 1993 callbook and under certain conditions you
could just use that page, IF it shows the original 'condition' for
the license.

In the April QST they specifically list that as proof of license
for ARRL-VECs.

They say:

"QRZ.COM has posted a copy from their archives..."

"A printout of such a listing from this CD ROM , showing
a Technician license effective/begin date prior to 3/21/87,
is acceptable."

And they go on to list the url (www.qrz.com/search1993.html)

What was interesting was they say that licenses issued up
through July 15th, 1987 is acceptable since people tested on
March 21st didn't get their license issued until July 15th.
But this requires the actuall license in hand...

Mike

Date: Sat, 6 May 2000 22:16:34 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jae@codenet.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69576] Re: Callbook query
Message-ID: <005701bfb7ca\$8465bcc0\$e617fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Hi folks,
>
> I have a friend who is working on her license upgrade. She claims she
had
>a Technician license before the 89 date but cannot find her license. She
is
>requesting an FCC letter, but could upgrade earlier if we can find her
data>in one of the callbooks from 83-89 timeframe. She upgraded to Tech
Plus in
>mid-90 so any callbook info after that won't help. If anyone thinks they
may
>be able to help, email me offline and I'll pass the info to you. It would
be
>even more terrific if there is a way to scan the page with her call and
email
>it to me so I can print it out for her to use at an exam session.
>
>thanks much es 72,
>
>john evans - n0hj

I hope you mean the 'administrative' change to Tech Plus. As
there wasn't any 'upgrade' if you had the pre-87 technician.
You just suddenly got listed as TP next time around.

See my other note regarding the QRZ issue with their old
data.

Mike

Date: Sat, 6 May 2000 20:09:15 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <bshort@speedchoice.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69577] Re: Battery Chargers?
Message-ID: <015b01bfb7d1\$a0ee8fa0\$09424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> Anyway, I'd like a charger for this battery that will charge
> it up in fairly short order (probably 4 to 5 amp max).
>
> Where is a good source for a variety of circuit diagrams
> (schematics) for versatile chargers? I'd like it if it wouldn't
> overcharge or explode the battery, but keep it topped off...

You might contact the A&A folks. I hear that they plan to bring out a higher current version of their charger, and they would probably give you some tips.

73,

John, K6QQ

Date: Sat, 6 May 2000 22:30:44 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69578] SMK-1 #87 lives
Message-ID: <00b001bfb7d4\$a1c427c0\$f3111b3f@compaq>

Thanks to
Doug, Dave and all others...
This is a great little rig. Went together very fast and I had no problems.
This was my first try at smt work, it was not as hard as I thought it would be.
No contacts yet, but the derby station is powerfull here! The rig hears great
The tx sounds fine, and the switching is great.
I can't wait for the cabinet to get here.

Mark Hogan / N50BC
SST-40 / 38s - Speed-X Bug NC-20 - Norcal Paddle
Bet ya never heard a bug go so slow.....
oh yea... SOC 185

Date: Sat, 6 May 2000 22:37:22 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69579] SMK a-la hay hook
Message-ID: <00e301bfb7d5\$8eb1d780\$f3111b3f@compaq>

>Subject: SMK-1 #87 lives

I forgot to say the parts hold down goodie was a HAY HOOK!
I used to have other hobbies, (work)
The hook did a fine job holding hte little parts and was heavy enough.
Just thought someone would get a kick outa this...

Hook em up

Hogan / N50BC

Date: Sat, 6 May 2000 23:46:26 -0400
From: "Ken Hanks" <captbfd@yahoo.com>
To: <mhogan@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69580] Re: SMK a-la hay hook
Message-ID: <002801bfb7d6\$e0eee460\$17158ad1@acer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I've taken a little different approach on my SMK-1 (#377)

A little dab of solder on the pad, place the cap or resistor next to the = soldered pad, reheat the solder and gently slide the component onto the = pad with tweezers. No cold joints and the connection looks solid under = the magnifier. Halfway through bag #1. Sure glad I did the SMiTe to = get over any fears of SMT.

73,=20

Ken Hanks K1XS
Naugatuck, CT
QRP-L #494

Date: Sat, 6 May 2000 23:03:46 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Dave Fifield" <fifield@pacbell.net>
Subject: [69581] First Contact
Message-ID: <001101bfb7d9\$3f490700\$e0111b3f@compaq>

Just worked Elwood, WA5SNL on the SMK-1
599 - 599 in Markham, TX from Broken Arrow, OK for a distance of 486 mles
at the claimed stock power this is 1390 mpw, rig looks more like a keeper
every time I look at it.

Dave: This won't make much to everyone else but you'll appreciate it:)
I forgot to say what the case was...I poked 3 holes in the end flap of the
shipping box and put the rig inside
3 bare shafts looking out at me, but I'm not shorting this one out!

Doug, what the new kit...I'm ready.
Michael, 2n2 is next.
Elwood, thanks for hearing the little bugger.

Mark Hogan / N50BC
SST-40 / 38s - Speed-X Bug NC-20 - Norcal Paddle
Bet ya never heard a bug go so slow.....
oh yea... SOC 185

SMK-1 and a Vibroplex Zeypher!
Bugs rule!

Date: Sat, 06 May 2000 22:19:47 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69582] Re: Battery Chargers?
Message-ID: <3914FCF3.7E554CB6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Moriarity wrote:

> You might contact the A&A folks. I hear that they plan to bring
> out a higher current version of their charger, and they would
> probably give you some tips.

It's already out. 5 amps.

By the way none of their chargers (1 or 5 amp) are "trickle"
chargers. Yes, they are a little expensive, but they do
charge and maintain lead acids and gel cells very well.

Norm/KQ6SD

Date: Sun, 7 May 2000 04:33:43 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <wb5qyt@eFortress.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69583] RE: Jones paddle
Message-ID: <CKEGICNFDIMCEKEDCEHFOEPACEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Mine has a red base-and is nr 000123.

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

Technical Editor QRP ARCI "QRP Quarterly"

website: <http://www.qsl.net/n4xy/>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

> wb5qyt@eFortress.com

> Sent: Saturday, May 06, 2000 10:46 AM

> To: Low Power Amateur Radio Discussion

> Subject: Jones paddle

>

>

> Steve and gang,

>

> I have a Jones paddle # 266! Made like a tank and heavy. Not backpack

> friendly but a good solid paddle for home. No magnets, just heavy duty

> contacts Steve. Mine has the red base, how bout yours?

>

> Take care and 72, Tom WB5QYT..."Have spud will travel!"

>

Date: Sun, 7 May 2000 11:38:08 +0200

From: Alen Mitrovic <alen.mitrovic@hermes.si>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [69584] M/S53MA/P QRP expedition to London/UK

Message-ID: <EA63CEA50DF8D311ABAD00B0D021173287FC8C@ha19000.hermes.si>

MIME-Version: 1.0

Content-Type: text/plain

Hi!

I will try to be active from London from 8-15 May with my Sierra on 20 and 15 meters, mainly

in the evenings around 20-23 GMT. I Will call on standard QRP frequencies (around 14060, 21060)

Best 72 de

Alen /S53MA

Date: Sun, 7 May 2000 13:09:40 +0100

From: wd3p@juno.com

To: atrail-1@Lehigh.EDU, epaqr-1@Lehigh.EDU, qrp-1@Lehigh.EDU

Subject: [69585] AT - Saturday

Message-ID: <20000507.130950.-359489.0.wd3p@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Well we made it to the trail. It was a good solid hike, but the radio end was a bit disappointing. I got to the site a later than I expected - it was 4 pm local (2000z) by the time I got on the air.

I tried for a while to get some one on 40 meters and finally go Craig, WB3GCK , in PA. He had a hard time copying me and I don't think he ever got the state - he only gave me a 339 but said he has some QRN at his end. But as soon as we finished up W1PID, Jim, calls me from NH. We had not problems at all and had a fine QSO. I stuck around 40 meters another ten minutes then headed up to 20. I couldn't get anyone on the QRP frequencies so I dropped down to 14.050 or so and Picked up NG0T/M in KS the county hunters contest without any problem so I knew I was getting out. I headed back up to the QRP Frequencies but never did raise anyone there. Finally I packed it up around 5 pm and headed back.

The QTH was at Black Rocks on the AT. We found a parking area on State Road 40 where it crosses I-70 and picked up the trail there and headed north. There is a real nice footbridge across the interstate there. The first 0.2 miles is real flat and runs near the interstate. But the next 0.4 miles comes with a 400 ft. climb to the ridge top. The 9 year old had problems with that part and we had to struggle to get her to the top. After that is was a nice, mostly flat hike the next 3 miles to the site. The site itself was at an overlook looking west towards Hagerstown, MD

The weather was a bit hot and the sun was out the whole trip. When we drove thought the small town 3 miles from the trail head the sign on the local bank said 91 degrees.

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 7 May 2000 06:37:57 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@lehigh.edu
Subject: [69586] 1-V challenge update: ZSCT1555 timer
Message-ID: <v03102813b53b1de25051@[206.169.248.113]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Forgive me if this is old news (OK, I don't read *every* posting to QRP-L), but I just stumbled on a new-ish part from Zetex, the ZSCT1555. The spec is dated 1998, so, compared to the ubiquitous and 30-year-old NE555 timer chip, this part is pretty darn recent.

Anyway, the interesting thing about the ZSCT1555 is that it has a specified minimum operating voltage of 900 millivolts, and draws something like 100 microamps with no load. They pitch it as a "single-cell" timer, i.e. you can run it from a single 1.5-V cell. A quick look at the data sheet implies that it will actually run from well under 900 mV. It even comes in an 8-pin DIP <snicker>.

One of the 1-V Challenge's stated goals was to build a low-voltage transceiver using no ICs, so that the innards could be seen and groked by all. But The Challenge had a second part, perhaps lost in the noise, about building a keyer that would run on the same voltage. ICs were encouraged for this portion of the design. I recall building a fully-functional if somewhat quirky keyer using a single NE555 and a few discretes back in the mid-70's; no doubt that design could be updated and operated from 1 volt using the Zetex part.

Zetex has a great line of parts, by the way, including lots of "super" beta and low Vce-drop transistors, etc. They're sold by Digikey. Zetex is at www.zetex.com, and I do not own their stock.

73,
Wayne
N6KR

Date: Sun, 07 May 2000 10:01:28 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69587] Re: Callbook query
Message-ID: <39158548.37F8A797@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Mike Yetsko wrote:

>
>

> I hope yo mean the 'administrative' change to Tech Plus. As

> there wasn't any 'upgrade' if you had the pre-87 technician.
> You just suddenly got listed as TP next time around.

Mike, I don't believe that is correct. The following is from ARRL website
73 de Dave, N0IT

=====

I got my Technician license under the old system prior to March 21, 1987, and I now hold a Tech Plus license as a result.
I understand that I'm now eligible to upgrade to General without having to take an additional examination. Is this correct?

Yes. Holders of a pre-March 21, 1987, Technician class license or CSCE who now hold at least a Technician license may claim credit for a new General class license after April 15, 2000, without additional testing. This is because under the old system, the written examination for Technician and General class was identical; the only difference was that Technicians had to pass a 5 WPM Morse code test, while Generals had to pass a 13 WPM Morse code test. The upgrade is not automatic, however. You will have to apply through a Volunteer Examiner test session, complete Form 605, attach documentary proof of having completed the requirements for a Technician license prior to March 21, 1987, and pay an application fee, if any, to the VEC involved.

Date: Sun, 7 May 2000 11:16:13 -0400
From: "Ken Evans" <w4du@bellsouth.net>
To: "QRP-1 Discussion" <qrp-1@Lehigh.EDU>
Subject: [69588] DAYTON ROADS
Message-ID: <008e01bfb837\$2f6937c0\$bbdafea9@evans>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
I just received this from a Dayton resident:

Greetings from warm and sunny Dayton. The state flower here in Ohio is the orange barrel. They are growing thick on Interstate 75.

Seriously, I thought I'd pass along the local road situation. If you want, you can pass it along to the FIDM attendees.

Because of construction, I-75 going through downtown is reduced to two lanes from three AND several of the downtown exits are closed. This won't be a problem for those staying at the Ramada. The exits south and at the arena are open. It will be a problem for any staying downtown.

The speed limit through the construction zone is reduced and the fines doubled.

Plan on things taking a bit longer.

Forewarned is forearmed.

72/3,
Ken Evans, W4DU
Atlanta, GA
QRP ARCI #696; G-QRP; NORCAL; NOGA; ARRL-Life

Date: Sun, 07 May 2000 12:03:22 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [69589] Re: SMK-1 - finding the gremlins
Message-ID: <20000507.110036.4663.0.N5IB@juno.com>

Thanks to Robert (WE3CD), Dave (AD6A), Denny (N9JXY) and Lew, I seem to have my SMK-1 perking nicely.

The "delayed sidetone" was traced to a poor solder joint at Q1 that apparently messed up the "attack" edge of the muting function. I think it was the gate connection, but in true SOC tradition I resoldered all three leads at once, instead of one at a time, checking in between.

Dave's and Denny's hints about strong signal overload were the principal clues, leading me to look carefully at the ac and dc levels around the 602, Q1, and the 386, and Robert's suggestion led me to nail down the culprit - though not in the way he predicted. Robert had reminded me to clean the board of excess flux gooky in case I had used a bit of extra flux on some of the parts (I had) Right after defluxing everything worked fine, but then after the solvent had dried very thoroughly the problem returned.

Ah-ha, says I, some conductivity is needed somewhere, but not much if just a bit of flux-contaminated solvent could do the job. Where are such high impedance parts of the circuit - around Q1 of course. Reflowed the

pins on that critter and everything was as it should be.

BTW, it might not be a bad time for a primer/review of flux/deflux tips, and do's and don'ts, should someone well versed in these matters care to post to the list.

I'm off to another baseball game 2 hours down the road, but be on the lookout for N5IB's booming 240 mW tonight near 7039.

Many thanks to Robert, Dave, Lew, and Denny, as well as to Doug and all the NorCal kit crew.

72

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 7 May 2000 09:08:22 -0700

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [69590] 40-9'er Mods Wanted

Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBB18@arcadia-pd1.arcadiapd.com>

MIME-Version: 1.0

Content-Type: text/plain

I am looking for a frequency offset modification for the 40-9'er. I would like to shift

+/- 600 to 700 Hz so that other stations can easily work me without having to use a split.

Thanks.

Date: Sun, 07 May 2000 10:13:15 -0600

From: "J. Medley" <jmedley@ix.netcom.com>

To: qrp-l@lehigh.edu

Subject: [69591] QRPTTF Entries

Message-ID: <3915961B.205E9A3B@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi folks,

Those of you sending your logs via email need to be sure and send ASCII text ONLY! Now I know that some logging programs save files with other extensions (such as .dat or .log) and these can be opened with the text reader (Notepad) in Windows because they are in plain text. But they don't use the .txt ending and the server will return them.

So what you need to do is rename your ascii files and use the .txt extension, then they don't get bounced back.

I guess this is a good thing in the long run because I've never gotten any of the email bombs that were going around last year and the ones from this year too. By the way, there are now at least 11 generations of the Love Bug virus out there so be careful. I have to wonder about the advice to "Don't open mail from someone you don't know" because these things are reading your address book and sending messages out to each person on your list. To me, that means it bears your name and return address on the message, so of course people would know you and open it??? I dunno...

In any case, please send your files with a .txt extension, and MM or OC stations need to send snail mail anyway because of the required photo.

72/73,
Jan N0QT

Date: Sun, 7 May 2000 12:10:27 -0400
From: "John Nall" <nally@talstar.com>
To: <qrp-1@lehigh.edu>
Subject: [69592] qrp frequencies on 40
Message-ID: <001901bfb83e\$cb213ee0\$8e0bfea9@r6g4f3>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What frequencies are considered the "qrp frequencies"
on 40 meters?

thanks,

John WB4LOQ

Date: Sun, 7 May 2000 09:12:30 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'nally@talstar.com'" <nally@talstar.com>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [69593] RE: qrp frequencies on 40
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBB19@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

A few years back, it was 7040 North Amercia CW, 7030 Europe CW,
7110 USA Novice.

-----Original Message-----

From: John Nall [mailto:nally@talstar.com]
Sent: Sunday, May 07, 2000 9:10 AM
To: Low Power Amateur Radio Discussion
Subject: qrp frequencies on 40

What frequencies are considered the "qrp frequencies"
on 40 meters?

thanks,

John WB4LOQ

Date: Sun, 7 May 2000 11:35:33 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [69594] Tubes/hollow state/glowbugs
Message-ID: <16273575070215@arrl.net>

I'm thinking it would be fun to try operating QRP using tubes. I
have never operated a tube transmitter, though. I've seen
mention of a list called "glowbugs" here, I think. Is that
specifically about tube equipment? Can anyone give me a
pointer in that direction?

Of course, this is QRP related as well. I'm looking at old
Hallicrafters rigs from the 40s and 50s, most likely the
HT-17 (25 watts, crystal controlled, 4 bands, 6V6/807 tubes)
or the HT-18 (5 watts, VFO, 5 bands, 6BA6/6L6 tubes) if
I can find either one. The latter is QRP ready, CW and AM.
The former will probably go QRP easily enough.

I have an SX-96 receiver already, though it probably needs a little work to be really good. I'd love to find an S-53a. Why Hallicrafters in particular? Nostalgia, I guess. I first listened to short wave broadcasts and hams on an S-86 owned by my older brother back in the late 50s.

Any pointers to advice for operating discrete TX/RX rigs of that era (tuning, spotting, antenna switching, etc.) would be appreciated. I suppose I need to find some old novice books or something from that time frame, eh?

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sun, 07 May 2000 13:56:40 -0400
From: "Robert W. Shaw" <lycott@fox.nstn.ca>
To: <qrp-1@lehigh.edu>
Subject: [69595] Any Canadian SMK-1's yet?
Message-ID: <3.0.5.32.20000507135640.0093ebd0@fox.nstn.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm still waiting patiently -- have any Canadian SMK-1's arrived in the mail yet?

72/73 de Bob VE3SUY QRP-L #1187 Bob Shaw, Ottawa, Ontario. Low power
Amateur Radio from Canada's National Capitol!

Date: Sun, 7 May 2000 13:58:34 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <ka9nzi@arrl.net>, <qrp-1@Lehigh.EDU>
Subject: [69596] Re: Tubes/hollow state/glowbugs
Message-ID: <015a01bfb84d\$de031600\$30d079a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pointer #1 = Don't bump the table!
Pointer #2 = Don't bump the table!

Pointer #3 = Don't bump the table!

:)

Dave K8TRF

----- Original Message -----

From: Gary Lee Phillips <ka9nzi@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, May 07, 2000 12:35 PM
Subject: Tubes/hollow state/glowbugs

> I'm thinking it would be fun to try operating QRP using tubes. I
> have never operated a tube transmitter, though. I've seen
> mention of a list called "glowbugs" here, I think. Is that
> specifically about tube equipment? Can anyone give me a
> pointer in that direction?
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> Of course, this is QRP related as well. I'm looking at old
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> or something from that time frame, eh?
>
> -- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sun, 7 May 2000 13:57:49 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <sjolin@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [69597] Re: Callbook query
Message-ID: <002201bfb84d\$dce5bf20\$e6c8fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What I meant was that ORIGINALLY, in 1987, the TECH license (only one type) was changed. Prior to the change, techs took the 'general' exam. After the change, techs took a new exam, and generals took an ADDITIONAL exam. So, if you prove tech license prior to the 1987 change, you show you took the exam that was TECH OR GENERAL.

When Tech Plus came along, there was no 'upgrade' for old techs. Anyone with the old tech license automatically was issued a Tech Plus to show 5wpm. HOWEVER, the only way to 'upgrade' to tech plus at that point was from Novice to Tech Plus (by taking the NEW tech test) or to go from tech to tech plus by taking the 5wpm test. In either case, there would be no GENERAL exam credit that would have lasted till now.

So the ONLY people who currently hold tech plus that have the ADDITIONAL capability of testless upgrad to general are TechPlus holders who were administratively assigned the TechPlus designation. NO ONE who did an 'upgrade' to get their Tech Plus should be eligible for the testless upgrades. Unless they hold a currently valid CSCE that is applicable.

Mike

>> I hope yo mean the 'administrative' change to Tech Plus. As
>> there wasn't any 'upgrade' if you had the pre-87 technician.
>> You just suddenly got listed as TP next time around.

>

>Mike, I dont believe that is correct. The following is from ARRL website

>73 de Dave, N0IT

>

>=====

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>1987, and I now hold a Tech Plus license as a result.

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>Technicians had to pass a 5 WPM Morse code test, while Generals had
>to pass a 13 WPM Morse code test. The upgrade is not automatic, however.
>You will have to apply through a Volunteer Examiner test
>session, complete Form 605, attach documentary proof of having completed
>the requirements for a Technician license prior to March 21,
>1987, and pay an application fee, if any, to the VEC involved.
>

Date: Sun, 7 May 2000 14:16:30 EDT
From: W0rw@aol.com
To: cqcllist@cqc.org, ppraanet@qth.net, qrp-1@lehigh.edu, lowfer@qth.net
Subject: [69598] RW Beacon now on 166.5 kHz
Message-ID: <a3.5a6a3ca.26470cfe@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Please listen for the Low Frequency 'RW' Beacon now on the new frequency of
166.5 kHz.
The beacon is sending 'RW' in CW at 15 WPM.
We changed frequency to avoid interference from a high powered French station
on 162 kHz.
The RW Beacon is located in Colorado Springs and is on the air 24 hrs.
You can check the performance of your receiver and antenna by listening for
the Non Directional Radio Beacon 'CO' that operates on 408 kHz sending MCW
(A2) from Colorado Springs.
It has been heard in the midwest at night.
If you would like more technical info on LF reception send for 'Tech Info
Sheet'.
Please send day time and night time signal reports to:
w0rw@aol.com
PO Box 6069
Colorado Springs, CO 80934

Date: Sun, 7 May 2000 14:22:01 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>

To: <qrp-1@Lehigh.EDU>
Subject: [69599] Dayton roads
Message-ID: <018f01bfb851\$2476f220\$30d079a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is the web site for the Ohio Department of Transportation. This link gets you to the road construction portion of the site. I believe Dayton is in Montgomery County. You can enter the road of concern, the county or district (which I don't know the definition of). Anyway, this should help pin down the construction areas.

http://webapp2.dot.state.oh.us/otis/otis_search.asp

Dave K8TRF

Date: Sun, 7 May 2000 14:33:35 EDT
From: Davewb4@aol.com
To: qrp-1@lehigh.edu
Subject: [69600] 2SC2078
Message-ID: <a7.3ac5538.264710ff@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All:
Looking for two 2SC2078 (buy or trade)..... Westgate Labs in NJ has them for \$.90 each(1-24) if anyone interested in a group buy. They have a \$ 25.00 min. order.

73
Dave Rogers
WB4CHK
Plantation FL

Date: Sun, 07 May 2000 10:40:16 -0700
From: Paul Erickson <paule@sfu.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Multiple recipients of list QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>
Subject: [69601] OT: Linux Amateur Radio applications?
Message-ID: <3915AA80.FD80B8A9@sfu.ca>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am a relatively new Linux user, (A happy one due to the recent "I love you" situation.) and was wondering if anyone could point me to some amateur radio related Linux applications?

Thanks in advance.

--

cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca

"Those who hear not the music, think the dancers mad..."

Date: Sun, 07 May 2000 12:52:08 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: ka9nzi@arrl.net
Subject: [69602] Re: Tubes/hollow state/glowbugs
Message-ID: <3915BB58.8588A568@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary and others that may be interested, the below info should get your started, but do not try to subscribe just yet. The server is still down from a crash a couple of weeks ago and a mailing yesterday or the day before from the list manager indicated they had had a problem with "love Letters"! and were still working on that. So they expect to have the server back online in the next few days. I or someone else will probably post to the qrp-l when it is back up. Some good information comes across there and I think you will enjoy taking part. A number of the Glow-buggers are also on this list, as well. They also have a website with some information available on regens and other associated glowbug items - I guess it will be back on about the same time. The url for that is: <http://www.mines.uidaho.edu/~glowbugs/>

=====

First, be sure to save or print this information for future reference!!!!!!

Questions/problems should be addressed to the list-owner/
list-mechanic:

WELCOME TO THE GLOWBUGS EMAIL LIST.

This list is provided for the convenience and enjoyment of Amateur Radio Operators who enjoy owning, operating, and BUILDING tube type equipment. Be sure to share your questions, observations, new developments with members of the list!

To post messages to the list, address them to this address:

glowbugs@piobaire.mines.uidaho.edu

To retrieve a list of email addresses of list members, post an email message to this address:

majordomo@piobaire.mines.uidaho.edu

In the BODY of the message, put ONLY these words:

who glowbugs

To retrieve the latest version of this information file, post an email message to this address:

majordomo@piobaire.mines.uidaho.edu

Place ONLY these words in the BODY of the message:

info glowbugs

To SUBSCRIBE to the list, post a message to this email address:

majordomo@piobaire.mines.uidaho.edu

In the BODY of the message, put ONLY these words:

subscribe glowbugs

To UN-SUBSCRIBE from the list, post a message to this address:

majordomo@piobaire.mines.uidaho.edu

In the BODY of the message, put ONLY these words:

unsubscribe glowbugs

=====

73

Ray

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Sun, 7 May 2000 14:52:51 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [69603] Using full wave loops multiband ?
Message-ID: <20000507.150005.4599.1.kc8aon@juno.com>

Gang,

In several publications it is mentioned about the use of full wave loops as multiband antennas both on it's fundamental frequency and it's odd and even harmonic frequencies. It is noted that the SWR rarely goes above a 3:1 when coax fed with 50 ohm coax. Has anyone on the list varified this ? And, how well did it perform both on it's fundamental frequencies and it's harmonics ? Also, which configuration did you use, ie: quad (4 sided) or delta (3 sided) loop ? I've been thinking of putting up a 40 meter loop and was wondering what to expect.

Thanks in advance

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 07 May 2000 12:28:32 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [69604] Ham Shack UPGRADED!
Message-ID: <3915C3E0.321C0789@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good friends, I've been waiting patiently for many, many months. I got the call early last week the my HP8505A network

analyzer was ready to be picked up. The guy mentioned he had all the test boardsets for troubleshooting as well.

With that, I figured it needed some serious work and I'd be busy fixing it up for some time before I did any actual Network Analysis with it.

Well, I got not one, but TWO Network analyzers. Both are supposed to be functional, with the spare one intended mostly for parts since it is an old 1970's prototype. I powered on the other unit and WOW! I have me a working HP8505A network analyzer. Complete with the storage normalizer box, TWO S-parameter test sets and more.

And a full line of attenuators and calibration standards are to be coming my way too! Wowza. What is most amazing is that it has been sitting cold in this guy's garage for decades and I turned on the instrument -- The freq. limits and step-attenuated + vernier power controls are right on the money!

I think it is finally time to actually clean the hamshack and organize the test racks. Step this way please, welcome to my humble ham shack.

That'll be sweet. 72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Sun, 07 May 2000 11:39:09 -0700
From: Paul Erickson <paule@sfu.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Multiple recipients of list QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>
Subject: [69605] Events: anyone heard Camp X?
Message-ID: <3915B84D.E78474AE@sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have been listening for camp X, but so far no joy, and I can't seem to find any packet posts. Anyone else heard/worked them yet?

--

cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca

"Those who hear not the music, think the dancers mad..."

Date: Sun, 7 May 2000 14:59:39 -0500

From: "Mike Branca" <w3irz@att.net>

To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [69606] Re: Using full wave loops multiband ?

Message-ID: <00a401bfb85e\$d994afa0\$bc024d0c@default>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Just do it and report back. You have stumbled into the best kept secret in amateur radio. I have been using a 500 foot loop for about 8 years now for all bands. Just use openwire feeders and a tuner. If you must use a balun choose the 1 : 1 model and your tuner will like it better. Don't bother measuring the wire just put up as much as you have room for but you do need one wavelength for the lowest band intended. Also you may zig zag the wire up and down to get all the length up. I used 500 feet because I operate 160 meters and because thats how many feet is on the reel (14 gauge stranded black insulated) from Home Depot. Interestingly this length and my length of openwire feeders is a perfect match (50 ohms) for 3.686 mhz when I check into the NOGA net on Tuesday evenings at 9:30 EDT. IMHO baluns are only necessary to prevent RF burns in the shack and since that is not likely with QRP why bother with baluns.

Mike Branca W3IRZ

Conyers, Georgia

----- Original Message -----

From: Rick McKee <kc8aon@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Sunday, May 07, 2000 1:52 PM

Subject: Using full wave loops multiband ?

> Gang,

>

> In several publications it is mentioned about the use of full wave
> loops as multiband antennas both on it's fundamental frequency and it's
> odd and even harmonic frequencies. It is noted that the SWR rarely goes
> above a 3:1 when coax fed with 50 ohm coax. Has anyone on the list

> varified this ? And, how well did it perform both on it's fundamental
> frequencies and it's harmonics ? Also, which configuration did you use,
> ie: quad (4 sided) or delta (3 sided) loop ? I've been thinking of
> putting up a 40 meter loop and was wondering what to expect.
>
> Thanks in advance
>
>
> 73...Rick McKee KC8AON { CW lives as long as I do ! }
> Willow Wood,Ohio "oo's"
> AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
> TriState BrassPounders # 1
>
> -----
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> <http://dl.www.juno.com/get/tagj>.

Date: Sun, 07 May 2000 16:05:11 -0400
From: Al Patrick <arp@inet4u.com>
To: paule@sfu.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [69607] Re: OT: Linux Amateur Radio applications?
Message-ID: <3915CC77.D887A4FD@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Erickson wrote:

> I am a relatively new Linux user, (A happy one due to the recent "I love
> you"
> situation.) and was wondering if anyone could point me to some amateur
> radio related Linux applications?
>
> Thanks in advance.
> --
> cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca
>
> "Those who hear not the music, think the dancers mad..."

Paul,

You might want to check out the following URL.

http://linux.about.com/compute/linux/library/metallab/blmeta_apps_ham_log.htm

73,

Al

--

"The Truth is Hate, to Those Who Hate the Truth"
Do what's right. You'll please OR AMAZE everyone!

Date: Sun, 7 May 2000 15:18:30 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'ka9nzi@arrl.net'" <ka9nzi@arrl.net>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [69608] RE: Tubes/hollow state/glowbugs
Message-ID: <01BFB837.80FADEE0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

You'll have fun with the tube stuff. Not too many of the old transmitters would get down to the required 5 watt QRP level. I have an HT-40, DX-35 and Drake 2NT and they all go 10 dB above QRP. (Not that that keeps me from using them.)

A neat old rig for QRP would be the legendary Ameco AC-1. Claimed to have 15 watts input, it probably puts out about 5 watts RF. Good luck finding one, but you can get a schematic at <http://www.qsl.net/wb1gfh/ameco.html> and maybe build one.

I do have one old boatanchor I've used for QRP a bit. It's a SONAR CFC Transmitter/VFO/Exciter. Puts out about 5 watts using a 6L6 or maybe 6V6. See this one in your 1948 ARRL Handbook. It's a real Cadallic--had a built in 100 Khz crystal calibrator and a relaxation osc. sidetone generator.

I prefer the old transmitters. Those old receivers bring back too many bad memories (except for my Drake 2B).

Regarding Dave, K8TRF's hint: don't bump the table. In my recollection, you didn't even have to bump the table. Just having someone walk across the floor was enough to send my old hallicrafters receivers on a band scanning mission.

72 and have fun with it ...

Nick, WA5BDU
in Arkansas

-----Original Message-----

From: Gary Lee Phillips [SMTP:ka9nzi@arrl.net]
I'm thinking it would be fun to try operating QRP using tubes. I have never operated a tube transmitter, though. I've seen mention of a list called "glowbugs" here, I think. Is that specifically about tube equipment? Can anyone give me a pointer in that direction?

Date: Sun, 07 May 2000 15:41:21 -0500
From: Robert Farrell <R.Farrell1@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [69609] Re: QRP-L digest 1811
Message-ID: <3915D4EC.BC4BDB60@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know when/if the NORTEX (North Texas) QRP group meets? Based on their web site (probably last updated over a year ago) I went to Bodacious Bar B-Q in Arlington Saturday at 10:00am and didn't find anyone except the bread man making a delivery. I tried Friday to call the named contact person but only got the answering machine. They are supposed to have a table at HamCom next month so I assume the group is not defunct.

I got my tech license last year and am working on a general but don't have much time to study.

Of the various facets of ham radio, QRP is the most appealing to me. I thought meeting with some like-minded people would help get me motivated.

I receive the list on digest so a direct reply would be appreciated.

Regards,
Bob Farrell
KD5HNU

Date: Sun, 7 May 2000 16:06:15 -0500
From: james-rhonda@juno.com
To: qrp-1@lehigh.EDU
Subject: [69610] SMK-1 Another hold down alternative
Message-ID: <20000507.160617.-507049.13.james-rhonda@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello gang,

Another SMK is built and seems to be running (No contacts yet). At first power up I had no signal to the headphones. A quick reheating of the LM386 pads and the rig works great. The round diodes were my biggest stumbling block. Building at the kitchen table saved the day about 5 times as the parts showed up well on the light colored linoleum :-). It sure does not take much to make a SM part jump and gives new meaning to flea power.

Doug, Dave and all involved, the packaging and instructions were easy to follow. Thanks!

My first project was to make a clamp for those small parts. I have read several of the posts on making a jig and may have to try the other approaches on the SMK-2. This time however I needed something fast that I already had around the house. My wife HAD a wooden clothes pin to reseal or I should say close an open bag of chips. This looked good but after a part or two I found that some changes would be nessecery. As I came to a problem I took a saw,dikes and a sharp knife and removed wood as needed. I was able to reach every part on the board with this tool and it was easy to customize to my needs. I know that not everyone will have a wooden clothes pin in the house but I wanted to share this information with those that do. I just used something around the house that I already had within my reach and it worked.

Thanks to the guys that have posted their Ideas on a clamp as it helped me in knowing what I needed when I spotted it.

A crude attempt of trying to give an idea of what wood I removed from my clothes pin.

	Side View	Top View	
	/ - \ / - \	- / \	- 1/8" to 3/16"
wide	I I I I	/I I I	I I Length 3/4"
to 1"			


```

I      ()      I      / ()      I      I      I
                        Bottom half of clothes pin left as is.
I      I I      I      / / I      I      I      I
                        Remove wood from underneath the
I\      I I      /I      I I I      /I      ---I I---
                        top clamp to allow room to clamp
I \ I I / I      I I I      / I      I      I
                        over other installed parts.
before          after

```

72/73/74 James Wayne Rue KC5HAC
 Henrietta, TX QRP-L #1827 SOC #191 AGN?
 Norcal Zombie #591 FISTS #3893

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 07 May 2000 14:07:08 -0700
 From: Thomas Kuehl <ac7a@gci-net.com>
 To: kc8aon@juno.com
 Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Subject: [69611] Re: Using full wave loops multiband ?
 Message-ID: <3915DAFC.8DEA9C0E@gci-net.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Hello Rick:

The first ARRL Antenna Compendium (Vol. 1) had an article by a fellow in Kansas who used a tilted 40-meter full-wave loop on 40 through 10. He found that tilting the loop gave him the best overall DX performance while providing very good SWR. I recall he used a 45 foot mast, and I believe the bottom of the loop was brought out 30 degrees from the base.

My books are all packed up right now while my home is undergoing remodeling; so, I don't have any more details than these. I have intended to model this fellows arrangement with EZNEC when time permits.

Regards, Thomas - AC7A (Tucson)

Rick McKee wrote:

> Gang,
>
> In several publications it is mentioned about the use of full wave
> loops as multiband antennas both on it's fundamental frequency and it's
> odd and even harmonic frequencies. It is noted that the SWR rarely goes
> above a 3:1 when coax fed with 50 ohm coax. Has anyone on the list
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> putting up a 40 meter loop and was wondering what to expect.
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> -----
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> <http://dl.www.juno.com/get/tagj>.

Date: Sun, 7 May 2000 14:04:48 -0700
From: Maurice L Haynes <kv7g@juno.com>
To: myetsko@insydesw.com
Cc: qrp-l@Lehigh.EDU
Subject: [69612] Re: Callbook query
Message-ID: <20000507.141404.-44410703.0.kv7g@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I don't think so !
My wife, N7EID took her tech test in 1973 and was still listed as a tech
and not a tech + until last week when she upgraded to General.
She did not have a copy of an old license, she wrote to the FCC office
and got a verification letter back within 2 weeks.

Bud - KV7G - Yuma, AZ

> You just suddenly got listed as TP next time around.

>
> Mike
>
>

Date: Sun, 7 May 2000 17:26:07 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [69613] [ATTN] Tim English
Message-ID: <200005072126.RAA07623@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tim,

If you are out there and still reading QRP-L, please contact me
via private E-mail to malman@world.std.com

Note for the list: this is QRP related and TU for the bandwidth.

ge and 72 to all... joel (queen mary)

--
/joel K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641, SOC #42

Date: Sun, 7 May 2000 17:40:08 -0400
From: "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [69614] DSW-20 quick review
Message-ID: <002601bfb86c\$d0ee7350\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Gangue...

I just completed construction of the DSW-20 qrp tranceiver.
Here is a very brief review.

Total time to construct - about 4 hours.

2 missing parts - 4-pin locking headers - no problem - had my own stock.
Schematic called for 33 V Zener, but 30 volt zener was supplied - no problem
Schematic called for 2N5485 FET but 2N5486 was supplied - no problem
After 4 hours of soldering and reading, rig was 100 pct functional.
Power output is about 2 watts, when powered with 13 VDC.
No errors, everything worked according to specs. Signals sounded "NICE"!!!
For a single bander, this is quickest I've been able to get ON-THE-AIR from
a handfull of parts. The AUDIO anouncing of freq setting is great. Course
and Fine tuning of frequency is good, but do not tune too fast as the
firmware appears not to be able to track "FAST" tuning. Maybe I'm doing
something wrong.
The xtal filter seems adequate for casual operating. Best of all, this
thing is very small. Now looking for a "field case" to include antenna
tuner and SWR indicator. If you can follow instructions, this rig is a
NO-BRAINER!!!
Highly recommend it.

I built this rig for N8IE, Dan in Kettering Ohio.
Guess I'm just going to have to order one for myself.

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

Date: Sun, 7 May 2000 16:02:45 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Robert W. Shaw" <lycott@fox.nstn.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69615] Re: Any Canadian SMK-1's yet?
Message-ID: <Pine.LNX.3.95.1000507160211.24047B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm still waiting patiently for my SMK-1 and Earl, VA6RF, is also
waiting...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Sun, 7 May 2000, Robert W. Shaw wrote:

> I'm still waiting patiently -- have any Canadian SMK-1's arrived in the

> mail yet?
>
>
>
> 72/73 de Bob VE3SUY QRP-L #1187 Bob Shaw, Ottawa, Ontario. Low power
> Amateur Radio from Canada's National Capitol!
>

Date: Sun, 7 May 2000 18:09:02 -0400
From: "John Nally" <nally@talstar.com>
To: <qrp-l@lehigh.edu>
Subject: [69616] Re: Callbook query
Message-ID: <001e01bfb870\$daf80b00\$8e0bfea9@r6g4f3>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I don't think so !
> My wife, N7EID took her tech test in 1973 and was still listed as a tech
> and not a tech + until last week when she upgraded to General.
> She did not have a copy of an old license, she wrote to the FCC office
> and got a verification letter back within 2 weeks.
>
> Bud - KV7G - Yuma, AZ

Well, perhaps sometimes they did and sometimes they didn't :-)

My wife, WB4VNU, took her tech test in about 1968, and the last time she did a renewal (late in 1999) the license said Tech Plus. Not sure of the previous renewals, because we did not have any of them to look at and had never noticed any change.

Anyway, she got a verification letter from the FCC back earlier this year, when they came out with the restructuring information. She has now applied for the General under the upgrading process.

John WB4LOQ

Date: Sun, 07 May 2000 22:06:49 +0100
From: David Heintzleman <pstrdave@kdsi.net>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69617] Re: Using full wave loops multiband ?
Message-ID: <3915DAE9.9DCBC177@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've used full wave 80 mtr loop, 40 feet above ground, mounted parallel to earth. used ladder line, tuner, so no experience on coax & swr. in Ham Radio, some years back there was an article on "German Quad" then Fisher in Autumn 85 had QST article on "Skywave loop" W1FB mentioned loop in his antenna notebook (ARRL) my experience on 40 mtrs and above was better and better dx the higher in frequency I went. My loop was almost square, fed near a corner, about 10 feet off, so as to avoid it functioning as a rhombic.

I wrote about it briefly in Michigan QRP Club's "The Five Watter"
Dave K8BBM

Date: Sun, 7 May 2000 18:18:14 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Maurice L Haynes" <kv7g@juno.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [69618] Re: Callbook query
Message-ID: <004a01bfb872\$3cff2580\$e6c8fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is news to me...

I did some moving around, as well as a renewal over the years,
and one of them just suddenly appeared to change to TechPlus.

Until you told me of your wife, I have heard of NO ONE that
was missed. But then, it's the government....

On the other hand, how many people were actually looking
for this?

Mike

>I don't think so !
>My wife, N7EID took her tech test in 1973 and was still listed as a tech
>and not a tech + until last week when she upgraded to General.
>She did not have a copy of an old license, she wrote to the FCC office
>and got a verification letter back within 2 weeks.
>
>Bud - KV7G - Yuma, AZ
>
>
>> You just suddenly got listed as TP next time around.
>>
>> Mike

Date: Sun, 7 May 2000 18:19:31 EDT
From: Wa3ptg@aol.com
To: nkennedy@tcainternet.com, qrp-1@lehigh.edu
Subject: [69619] Re: Tubes/hollow state/glowbugs
Message-ID: <75.3d033e2.264745f3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/7/00 4:27:45 PM Eastern Daylight Time,
nkennedy@tcainternet.com writes:

> A neat old rig for QRP would be the legendary Ameco AC-1. Claimed to have
> 15 watts input, it probably puts out about 5 watts RF. Good luck finding
> one, but you can get a schematic at <http://www.qsl.net/wb1gfh/ameco.html>
> and maybe build one.

I saw one of these go on ebay for over \$200. The AC-1 is a 6V6 oscillator.
Should be an easy build, start with a Walmart cakepan for about \$2, \$25 for a
new power transformer from Ocean States Electronics, and go from there. It's
a mighty expensive way to relive the old days unless you have everything in
the junkbox already.

72 DE WA3PTG
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Sun, 7 May 2000 18:44:03 EDT
From: Wa3ptg@aol.com
To: qrp-l@lehigh.edu
Subject: [69620] HB: Crystal Oscillators
Message-ID: <b9.2d0ff67.26474bb3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

On my manhattan breadboard is a 40 meter NE602 receiver with a 10 mhz IF. I know, I know, its not the best choice for the IF, but the crystals were in my junkbox.

The problem is the BFO oscillator on the second mixer. It just won't come up to 10 mhz. Today it measured 9996 mHz. on my RS counter. I've tried a cap in series with the crystal, a series cap & a series inductor, nothing will bring the frequency up to 10.0007 mHz. I think this is the frequency I need for proper operation. The circuit in the receiver is from the Winter 2000 QRP Homebrewer, page 20. It's Chuck Adam's Crystal Checker.

The question: Do some oscillator circuits tend to cause the oscillator to work higher or lower than the "normal" crystal frequency? I'm guessing the crystal checker isn't the best choice in oscillators. Any suggestions on another circuit?

72 DE WA3PTG
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Sun, 7 May 2000 18:52:57 EDT
From: Wa3ptg@aol.com
To: qrp-l@lehigh.edu
Subject: [69621] HB: J212
Message-ID: <73.315c6a7.26474dc9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Obtained a small quantity of J212 jfets -- cheap, of course.
Tried one in a hartly vfo, and it seems to work as well as any other general purpose jfet. Is anyone else using them??
Wonder why I haven't seen any for sale elsewhere?

Cheap, like junk, is good.

72 DE WA3PTG

Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Sun, 7 May 2000 18:58:40 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "QRP-L post \ (E-mail\)" <QRP-L@lehigh.edu>
Subject: [69622] FS: MFJ 9040 etc.
Message-ID: <000301bfb877\$d83da1c0\$0c00000a@ggoodroe01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

MFJ 9040 40 meter CW Transceiver
MFJ 971 Tuner from QRP to 200 Watts
MFJ 412 Curtis Keyer
MFJ 726 CW audio Filter

Like new, all \$265.00 shipped USPS priority insured.

Thanks and 73 de KF4CPJ
George Goodroe
St. Petersburg, FL USA

End of QRP-L Digest 1814

